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JP 2000123975 A	0	2	0
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DWPI

DERWENT-ACC-NO: 2000-372287

DERWENT-WEEK: 200032

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TITLE: Active matrix type organic electroluminescent display device, has organic luminescent layers of different colors formed over thin film transistors, by patterning luminescent material for every pixel

PATENT-ASSIGNEE: SEIKO EPSON CORP[SHIH]

PRIORITY-DATA: 1996JP-0158671 (June 19, 1996) , 1999JP-0323845 (June 19, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
JP 2000123975	April 28, 2000	N/A	005
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A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP2000123975A	Div ex	1996JP-0158671	June 19,
1996			
JP2000123975A	N/A	1999JP-0323845	June 19,
1996			

INT-CL (IPC): B41J002/01; G09F009/30 ; H05B033/12 ; H05B033/14 ; H05B033/22

RELATED-ACC-NO: 1998-136257

ABSTRACTED-PUB-NO: JP2000123975A

BASIC-ABSTRACT: NOVELTY - Transparent pixel electrode (103) and hole injection layer (104) are formed over thin film transistors (102) arranged on a glass substrate (101), for every pixel. Organic luminescent layers (106-108) of different colors, are formed over the thin film transistors, by patterning the luminescent material for every pixel, with an inkjet system.

USE - In active matrix type organic electroluminescent (EL) display device using TFT.

ADVANTAGE - Enables to manufacture highly efficient large full color display device, by simple patterning of luminescent material with inkjet system.

DESCRIPTION OF DRAWING(S) - The figure shows the processes involved in organic EL display device manufacture.

Glass substrate 101

Thin film transistor 102

Pixel electrode 103

Hole injection layer 104

Organic luminescent layers 106-108

CHOSEN-DRAWING: Dwg.1/3

DERWENT-CLASS: P75 P85 X26

EPI-CODES: X26-J;

TIX:

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ABTX:

Thin film transistor 102

TTX:

ACTIVE MATRIX TYPE ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE ORGANIC LUMINESCENT LAYER FORMING THIN FILM TRANSISTOR PATTERN LUMINESCENT MATERIAL PIXEL